

Technical Information

Stretch Film Colchuga

Multi-layer cast stretch film for wrapping

Raw Material: linear low density polyethylene

General

Dimension	Test Methods	Units SI	Value
Film thickness	GOST 17035	µm	10-35 (±1)
Film width	-	mm	500 ± 5

Properties

Film Properties	Test Methods	Units SI	Value vs Film thickness					
			12µm	15µm	17µm	20µm	23µm	25µm
Tensile Strength at Break: - machine direction (MD) - transverse direction (TD)	ASTM D882-02	MPa	>43 >25	>45 >27	>45 >27	>45 >27	>45 >27	>45 >27
Elongation at Break: - machine direction (MD) - transverse direction (TD)	ASTM D882-02	%	>550 >650	>600 >700	>600 >700	>600 >700	>600 >700	>600 >700
Retention properties: - permanent Deformation - elastic Recovery - stress Retention - force at point G.	ASTM D5459-95	% % % H	>50 >35 >70 >3,5	>50 >35 >70 >3,5	>50 >35 >70 >3,5	>50 >35 >70 >3,5	>50 >35 >70 >3,5	>50 >35 >70 >3,5
Performance of film sheet during stretching: - ultimate test - quality test - puncture test	Highlight Industries	% % %	>300 >250 >150	>300 >280 >150	>330 >300 >170	>340 >320 >170	>360 >330 >170	>360 >330 >170